



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jun Koyama
Serial No. : 10/800,035
Filed : March 15, 2004
Title : SEMICONDUCTOR DEVICE, CPU, IMAGE PROCESSING CIRCUIT AND
ELECTRONIC DEVICE, AND DRIVING METHOD OF SEMICONDUCTOR
DEVICE

Art Unit : 2811
Examiner : Unknown
Confirmation No.: 6874

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SECOND REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

Please correct the names on the Filing Receipt under Power of Attorney to read as follows:

John F. Hayden, Reg. No. 37,640
W. Karl Renner, Reg. No. 41,265
William G. Hughes, Jr., Reg. No. 46,112
Brian J. Dorini, Reg. No. 43,594
Barbara A. Benoit, Reg. No. 54,777

Joseph F. Key, Reg. No. 44,827
Gregory A. Walters, Reg. No. 41,366
Robert G. Devoto, Reg. No. 55,108
Kevin E. Greene, Reg. No. 46,031
Diana DiBerardino, Reg. No. 45,653

Please supply a corrected Filing Receipt to the undersigned with respect to this application. A copy of the original Filing Receipt showing the desired changes in red ink is attached for your convenience.

No fee is believed to be due. If, however, there are any charges or credits, please apply them to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 12/2/04



John F. Hayden
Reg. No. 37,640

Fish & Richardson P.C.
1425 K Street, N.W.
11th Floor
Washington, DC 20005-3500
Telephone: (202) 783-5070
Facsimile: (202) 783-2331



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22311-1450
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FILE FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/800,035	03/15/2004	2811	2084	12732-218001 / US7081	13	26	10

26171
FISH & RICHARDSON P.C.
1425 K STREET, N.W.
11TH FLOOR
WASHINGTON, DC 20005-3500

CONFIRMATION NO. 6874

UPDATED FILING RECEIPT

10/800,035 03/15/2004 2811 2084 12732-218001 / US7081
OC000000014188179

Date Mailed: 10/25/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Jun Koyama, Kanagawa, JAPAN;

Power of Attorney:

Diane Gardner-36518
Christopher Marchese-37177
John Hayden-37640
Gregory Einhorn-38440
Joseph Colaianni Jr-39948

Walter Renner-41265
Gregory Walters-41366
Harold Fox-41498
Nicholas Bauz-41604
Kanyon Jenckes-41873

William G. Hughes - 46,112
Brian J. Dorini - 43,594
Barbara A. Benoit - 54,777
Joseph F. Key - 44,827
Robert G. Devoto - 55,108
Kevin B. Greene - 46,031
Diana DiBardino - 45,653

Domestic Priority data as claimed by applicant

Foreign Applications

JAPAN 2003-102101 04/04/2003

If Required, Foreign Filing License Granted: 05/29/2004

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/800,035**

Projected Publication Date: 02/03/2005

Non-Publication Request: No

ST AVAILABLE COPY

Early Publication Request: No

Title

Semiconductor device, CPU, image processing circuit and electronic device, and driving method of semiconductor device

Preliminary Class

257

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

BEST AVAILABLE COPY



Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。

As a below named inventor, I hereby declare that:

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者(下記の氏名が一つの場合)もしくは最初かつ共同発明者であると(下記の名称が複数の場合)信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SEMICONDUCTOR DEVICE, CPU, IMAGE
PROCESSING CIRCUIT AND ELECTRONIC
DEVICE, AND DRIVING METHOD OF
SEMICONDUCTOR DEVICE

上記発明の明細書(下記の欄で×印がついていない場合は、本書に添付)は、

The specification of which is attached hereto unless the following box is checked:

__月__日に提出され、米国出願番号または特許協定条約国際出願番号を_____とし、
(該当する場合) _____に訂正されました。

☐ was filed on _____
as United States Application Number or
PCT International Application Number _____
and was amended on _____
(if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編第1条56項に定義されるとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.



Japanese Language Declaration
(日本語宣言書)

私は、米国法典第 35 編 119 条(a)-(d)項又は 365 条(b)項に
基き下記の、米国以外の国の少なくとも一カ国を指定している
特許協力条約 365(a)項に基く国際出願、又は外国での特許
出願もしくは発明者証の出願についての外国優先権をここに
主張するとともに、優先権を主張している、本出願の前に出願
された特許または発明者証の外国出願を以下に、枠内をマー
クすることで、示しています。

I hereby claim foreign priority under Title 35, United States
Code, Section 119(a)-(d) or 365(b) of any foreign
application(s) for patent or inventor's certificate, or 365(a)
of any PCT International application which designated at
least one country other than the United States, listed
below and have also identified below, by checking the box,
any foreign application for patent or inventor's certificate,
or PCT International application having a filing date before
that of the application on which priority is claimed.

Prior Foreign Application(s)
外国での先行出願

Priority Not Claimed
優先権主張なし

2003-102101 (Number) (番号)	Japan (Country) (国名)
 (Number) (番号)	 (Country) (国名)
 (Number) (番号)	 (Country) (国名)

April 4, 2003 (Day/Month/Year Filed) (出願年月日)	<input type="checkbox"/>
 (Day/Month/Year Filed) (出願年月日)	<input type="checkbox"/>
 (Day/Month/Year Filed) (出願年月日)	<input type="checkbox"/>

私は、第 35 編米国法典 119 条(e)項に基いて下記の米国
特許出願規定に記載された権利をここに主張いたします。

I hereby claim the benefit under Title 35, United States
Code, Section 119(e) of any United States provisional
application(s) listed below.

(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------

(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------

私は、下記の米国法典第 35 編 120 条に基いて下記の米国
特許出願に記載された権利、又は米国を指定している特許協
力条約 365 条(c)に基く権利をここに主張します。また、本出願
の各請求範囲の内容が米国法典代 35 編 112 条第 1 項又は
特許協力条約で規定された方法で先行する米国特許出願に
開示されていない限り、その先行米国出願提出日以降で本出
願書の日本国内または特許協力条約国際提出日までの期間
中に入手された、連邦規制法典第 37 編 1 条 56 項で定義さ
れた特許資格の有無に関する重要な情報について開示義務
があることを認識しています。

I hereby claim the benefit under Title 35, United States
Code, Section 120 of any United States application(s), or
365(c) of any PCT International application designating
the United States, listed below and, insofar as the subject
matter of each of the claims of this application is not
disclosed in the prior United States or PCT International
application in the manner provided by the first paragraph
of Title 35, United States Code Section 112, I
acknowledge the duty to disclose information which is
material to patentability as defined in Title 37, Code of
Federal Regulations, Section 1.56 which became
available between the filing date of the prior application
and the national or PCT International filing date of
application.



(Application No.) (出願番号)	(Filing Date) (出願日)	(Status: Patented, Pending, Abandoned) (現況: 特許許可済、継続中、放棄済)
(Application No.) (出願番号)	(Filing Date) (出願日)	(Status: Patented, Pending, Abandoned) (現況: 特許許可済、継続中、放棄済)
(Application No.) (出願番号)	(Filing Date) (出願日)	(Status: Patented, Pending, Abandoned) (現況: 特許許可済、継続中、放棄済)
(Application No.) (出願番号)	(Filing Date) (出願日)	(Status: Patented, Pending, Abandoned) (現況: 特許許可済、継続中、放棄済)
(Application No.) (出願番号)	(Filing Date) (出願日)	(Status: Patented, Pending, Abandoned) (現況: 特許許可済、継続中、放棄済)
(Application No.) (出願番号)	(Filing Date) (出願日)	(Status: Patented, Pending, Abandoned) (現況: 特許許可済、継続中、放棄済)
(Application No.) (出願番号)	(Filing Date) (出願日)	(Status: Patented, Pending, Abandoned) (現況: 特許許可済、継続中、放棄済)
(Application No.) (出願番号)	(Filing Date) (出願日)	(Status: Patented, Pending, Abandoned) (現況: 特許許可済、継続中、放棄済)

私は、私自身の知識に基づいて本宣言書中で私が行う表明が真実であり、かつ私の入手した情報と私の信じていることに基く表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第 18 編第 1001 条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行えば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



Japanese Language Declaration
(日本語宣言書)

委任状: 私は下記の発明者として、本出願に関する一切の手続きを米特許商標局に対して遂行する弁護士または代理人として、下記の者を指名いたします。(弁護士、または代理人の氏名及び登録番号を明記のこと)

John F. Hayden, Reg. No. 37,640; Scott C. Harris, Reg. No. 32,030; Michael McKeon, Reg. No. 37,888; Linda Liu Kordziel, Reg. No. 39,732; William E. Booth, Reg. No. 28,933; Ruffin B. Cordell, Reg. No. 33,487; John W. Freeman, Reg. No. 29,066; Timothy A. French, Reg. No. 30,175; G. Roger Lee, Reg. No. 28,963; John B. Pegram, Reg. No. 25,198; James E. Mrose, Reg. No. 33,264; Lauren A. Degnan, Reg. No. 40,584; Andrew F. Bodendorf, Reg. No. 39,537; Diana DiBerardino, Reg. No. 45,653;

ここに署名する者は、この申請に関して米国特許商標局においてなされるべき如何なる行動に関しても、ここに指名された米国弁護士または代理人が、米国弁護士または代理人とここに署名した者との間で直接の連絡を取ることにし、
からの指示を受け入れてそれに従う権限を与える。指示を出す人物に変更がある場合は、ここに指名された米国弁護士または代理人は、ここに署名した者からその旨通知を受ける。

書類送付先

直接電話連絡先: (名前及び電話番号)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

W. Karl Renner, Reg. No. 41,265; Joseph F. Key, Reg. No. 44,827; Harold H. Fox, Reg. No. 41,498; Scott R. Boalick, Reg. No. 42,337; Joseph V. Colaianni, Jr., Reg. No. 39,948; Gregory A. Walters, Reg. No. 41,366; R. Whitney Winston, Reg. No. 44,432; Bing Ai, Reg. No. 43,312; N. Thane Bauz, Reg. No. 41,604; Gregory P. Einhorn, Reg. No. 38,440; Diane L. Gardner, Reg. No. 36,518; Kenyon S. Jenckes, Reg. No. 41,873; Christopher S. Marchese, Reg. No. 37,177; Todd G. Miller, Reg. No. 42,003; and Shekhar Vyas, Reg. No. 46,166.

The undersigned hereby authorizes any U. S. attorney or agent named herein to accept and follow instructions from _____ as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U. S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U. S. attorneys or agents named herein will be so notified by the undersigned.

Send Correspondence to:

John F. Hayden

FISH & RICHARDSON P.C.

1425 K Street, N.W., 11th Floor
Washington, DC 20005

Direct Telephone Calls to: (name and telephone number)

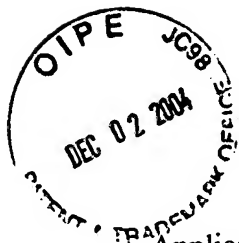
John F. Hayden
telephone number (202) 783-5070

OIPE JC98
DEC 02 2004

唯一または第一発明者名		Full name of sole or first inventor	
		Jun KOYAMA	
発明者の署名	日付	Inventor's signature	Date
		<i>Jun Koyama</i>	03/09/2009
住所		Residence	
		Sagamihara, Kanagawa, Japan	
国籍		Citizenship	
		Japanese	
私書箱		Post Office Address	
		c/o Semiconductor Energy Laboratory Co., Ltd.	
		398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan	

第二共同発明者名		Full name of second joint inventor, if any	
第二共同発明者の署名	日付	Second inventor's signature	Date
住所		Residence	
国籍		Citizenship	
私書箱		Post Office Address	

第三共同発明者名		Full name of third joint inventor, if any	
第三共同発明者の署名	日付	Third inventor's signature	Date
住所		Residence	
国籍		Citizenship	
私書箱		Post Office Address	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jun Koyama
Serial No. : 10/800,035
Filed : March 15, 2004
Title : SEMICONDUCTOR DEVICE, CPU, IMAGE PROCESSING CIRCUIT AND
ELECTRONIC DEVICE, AND DRIVING METHOD OF SEMICONDUCTOR
DEVICE

Art Unit : 2811
Examiner : U Unknown
Confirmation No.: 6874

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

COMBINED STATEMENT RE POWER OF ATTORNEY AND ASSOCIATE POWER

Under 37 CFR 1.32(c)(3), please associate and recognize the following Patent
Practitioners as Attorney/Agents of record in the above-identified application with full powers.

John F. Hayden, Reg. No. 37,640	Joseph F. Key, Reg. No. 44,827
W. Karl Renner, Reg. No. 41,265	Gregory A. Walters, Reg. No. 41,366
William G. Hughes, Jr., Reg. No. 46,112	Robert G. Devoto, Reg. No. 55,108
Brian J. Dorini, Reg. No. 43,594	Kevin E. Greene, Reg. No. 46,031
Barbara A. Benoit, Reg. No. 54,777	Diana DiBerardino, Reg. No. 45,653

A copy signed Power of Attorney, as filed in the parent application, for the above-identified application is attached.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 12/2/04



John F. Hayden
Reg. No. 37,640

Fish & Richardson P.C.
1425 K Street, N.W.
11th Floor
Washington, DC 20005-3500
Telephone: (202) 783-5070
Facsimile: (202) 783-2331